



Department of Energy
Richland Operations Office
P.O. Box 550
Richland, Washington 99352

16-AMRP-0294

OCT 13 2016

Ms. Alexandra K. Smith, Program Manager
Nuclear Waste Program
Washington State Department of Ecology
3100 Port of Benton Boulevard
Richland, Washington 99354

Dear Ms. Smith:

ANNUAL OPERATIONS AND MONITORING REPORT FOR UPR-100-N-17:
MARCH 2015 – FEBRUARY 2016, DOE/RL-2016-34, REVISION 0

The Annual Operations and Monitoring Report for UPR-100-N-17: March 2015 – February 2016, DOE/RL-2016-34, Revision 0 is being sent to the Washington State Department of Ecology for your use.

This annual summary report describes the operation of the bioventing system at the UPR-100-N-17 waste site from March 2015 through February 2016 and includes a summary of performance of the bioremediation remedy. Biodegradation rates exhibited a declining trend from the initial rates calculated in March 2010. Calculations using the respirometry data indicate approximately 594 milligram/kilogram of petroleum have been removed from impacted soils since the startup of the bioventing system in 2012.

If you have any questions, please contact me or your staff may contact, Mike Cline of my staff, on (509) 376-6070.

Sincerely,

A handwritten signature in blue ink, appearing to read "Ray J. Corey", is positioned above the typed name.

Ray J. Corey, Assistant Manager
for the River and Plateau

AMRP:GLS

Attachment

cc: See page 2

Ms. Alexandra K. Smith
16-AMRP-0294

-2-

OCT 13 2016

cc w/attach:

G. Bohnee, NPT
A. L. Boyd, Ecology
R. Buck, Wanapum
D. A. Faulk, EPA
S. Hudson, HAB
R. Jim, YN
N. M. Menard, Ecology
K. Niles, ODOE
D. Rowland, YN
R. Skeen, CTUIR
Administrative Record (100-NR-1 and 100-NR-2)
Environmental Portal

cc w/o attach:

J. V. Borghese, CHPRC
M. H. Doornbos, CHPRC
W. R. Faught, CHPRC
A. K. Lee, CHPRC
C. P. Noonan, MSA
R. E. Piippo, MSA
M. J. Turner, MSA